

Title (en)
COVER APPARATUS FOR TRUCK CARGO BOX

Title (de)
ABDECKUNGSVORRICHTUNG FÜR FRACHTBEHÄLTER EINES LASTKRAFTWAGENS

Title (fr)
APPAREIL DE RECOUVREMENT POUR BOÎTE DE CHARGEMENT DE CAMION

Publication
EP 3584115 A1 20191225 (EN)

Application
EP 18753675 A 20180213

Priority
• KR 20170020825 A 20170216
• KR 2018001863 W 20180213

Abstract (en)
The present invention relates to a cover apparatus for a truck cargo box, and more specifically to a cover apparatus for a truck cargo box, which enables stable opening and closing operations even when deformation occurs due to the deflection or warping of a truck cargo box and enables its covers to stably cover irregularly shaped loads, such as various types of wastes or scraps, thereby considerably improving transportation safety and the convenience of use. According to the present invention, there is provided the cover apparatus for a truck cargo box, which enables stable opening and closing operations via the hinges and the variable members, and enables its covers to stably cover irregularly shaped loads via the covers in each of which the plurality of blocks is connected to each other, thereby providing the effect of considerably improving transportation safety and the convenience of use.

IPC 8 full level
B60P 7/02 (2006.01); **B60J 7/12** (2006.01); **E05D 7/04** (2006.01)

CPC (source: EP KR RU US)
B60J 7/12 (2013.01 - KR); **B60J 7/14** (2013.01 - US); **B60J 7/141** (2013.01 - EP); **B60P 7/02** (2013.01 - EP KR RU US); **B62D 33/0207** (2013.01 - US); **E05D 3/10** (2013.01 - US); **E05D 7/04** (2013.01 - EP KR US); **E05F 15/63** (2015.01 - US); **B60Y 2200/142** (2013.01 - KR US); **E05D 3/022** (2013.01 - EP); **E05D 2007/0461** (2013.01 - KR); **E05D 2007/0484** (2013.01 - US); **E05Y 2900/548** (2013.01 - US)

Cited by
EP3992005A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3584115 A1 20191225; **EP 3584115 A4 20200304**; **EP 3584115 B1 20210414**; CN 110191820 A 20190830; CN 110191820 B 20210824; JP 2020514184 A 20200521; JP 6759469 B2 20200923; KR 101908840 B1 20181016; KR 20180094557 A 20180824; PH 12019501589 A1 20200302; RU 2725022 C1 20200629; US 10882385 B2 20210105; US 2019366821 A1 20191205; WO 2018151496 A1 20180823

DOCDB simple family (application)
EP 18753675 A 20180213; CN 201880007021 A 20180213; JP 2019560620 A 20180213; KR 20170020825 A 20170216; KR 2018001863 W 20180213; PH 12019501589 A 20190705; RU 2019120951 A 20180213; US 201816476177 A 20180213